



# Madison Park Academy

## Aligned CTE Industry Sector: Engineering & Graphic Design

### Rigorous Academics

#### Measure N Investments

- Pathway Coach

#### Pillar Components/Activities

- Maximize A-G courses
- 7-10 dual enrollment courses offered each semester (pathway coach serves as DE coordinator)
- Coaching for all teachers with a special focus on new teacher support
- Cross-disciplinary electives like Web Design, Engineering Geometry with Physics
- Project Based Learning
- Standards Based Grading

### Career Technical Education

#### Measure N Investments

- Career exploration field trips

#### CTE Course Sequence

- Pathway Foundation Art and Computer Science (9th grader)
- Introduction to Engineering Design→ Principles of Engineering→ Engineering Design and Development (Capstone)
- Graphic Design Fundamentals→ Design for Multimedia→ Design for Change (Capstone)

#### Pillar Components/Activities

- Two Perkins-certified CTE sequences
- Pathway courses also offer students “D” (science) and “F” (arts) credits
- State of the art facilities and industry-aligned equipment
- Career exploration and

### Work-Based Learning (WBL)

#### Measure N Investments

- Work Based Learning Liaison
- Summer Internship Stipends
- Career exploration field trips

#### Partnerships

- Pixar, Chevron/PLTW, IIDA, Sila, Salesforce, Peralta Colleges, YouthBeat, Maker Ed, Inneract Project, etc.

#### Pillar

#### Components/Activities

- 100+ students engaged in paid summer internships, concurrent enrollment, and Peralta CTE courses
- School year internships
- Guest speakers, field trips, industry partner involvement in school projects
- Annual events: Resume Workshop, Career Day, Mock Interviews

### Student Supports

#### Measure N Investments

- Pathway Case Manager
- College exploration field trips
- EBC Future Center to provide college and career information

#### Partnerships

- East Bay Consortium
  - buildOn
  - BACR after school programming
  - Full service clinic run by Native American Health Center
  - Alameda County Mental Health Providers
  - Experience Berkeley, Raices, Summer Search, METS
- #### Pillar Components/Activities
- Mixed-grade level Advisory for every student
  - Mentoring for middle school students, newcomers, etc.
  - Restorative Justice